

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Tuesday, February 28th 2017
As of 0900 CST

Incidents Reported to the State Operations Center (last 24 hours)

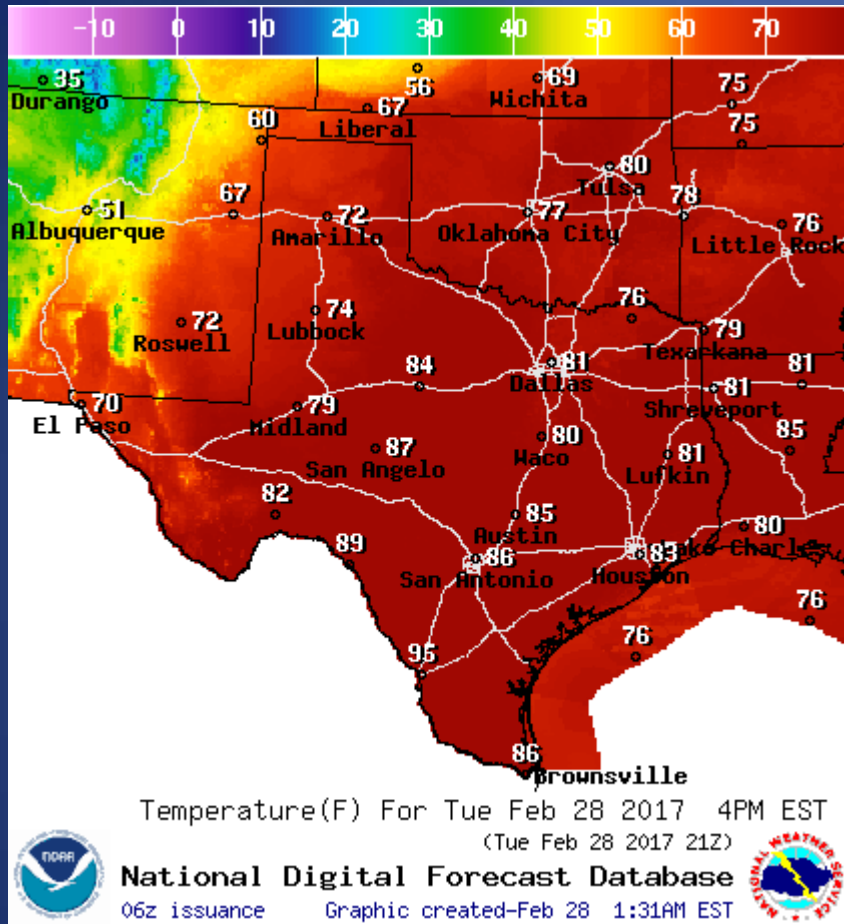
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
02/27/17	Initial Report of a Road Closure (IH 20)	Harrison County	N
02/27/17	Initial Report of a Road Closure (IH 20)	Cooke County	N
02/27/17	Initial Report of a Road Closure (IH 40)	Potter County	N
02/27/17	Initial Report of a Road Closure (SH 480)	Maverick County	N
02/27/17	Final Report of a Road Closure (IH 35)	Cooke County	Y
02/27/17	Initial Report of the Dowlen Road Fire	Randall County	N
02/27/17	Final Report of the Dowlen Road Fire	Randall County	Y
02/27/17	Final Report of a Road Closure (IH20)	Harrison County	Y
02/27/17	Silver Alert Request for the Brazoria County Sheriff's Office	Brazoria County	Y

Informational Products

Distributed by the State Operations Center

DATE	SUBJECT
02/27/17	Texas A&M Forest Service- Weekly Fire Cost
02/27/17	Texas A&M Forest Service- Texas Fire Potential Update
02/27/17	NWS Lake Charles Weather Update: 130pm Monday 2.27.17
02/27/17	Critical Extreme Wildfire Threat For Regions 4 and 5
02/28/17	NWS Norman- Important! Changes Coming to NWS Forecast Pages
02/28/17	NWS Shreveport- Severe Weather
02/28/17	Daily NWS Threat Brief for Tuesday, February 28, 2017 for FEMA Region 6

Weather Forecast

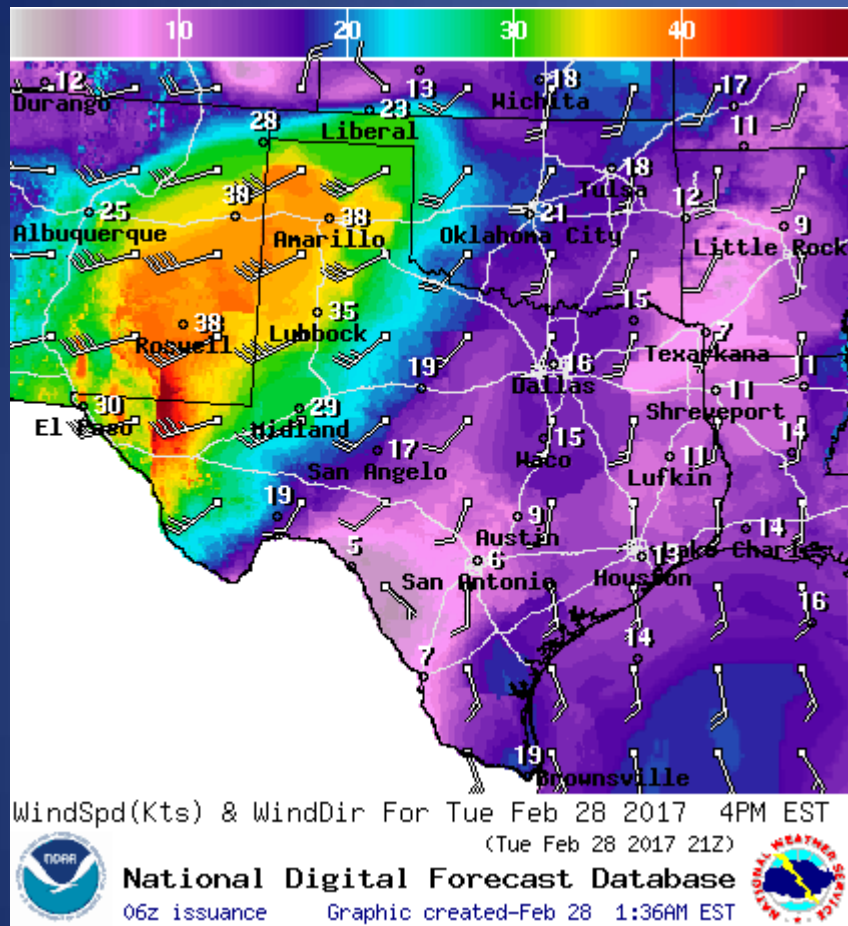


Highs

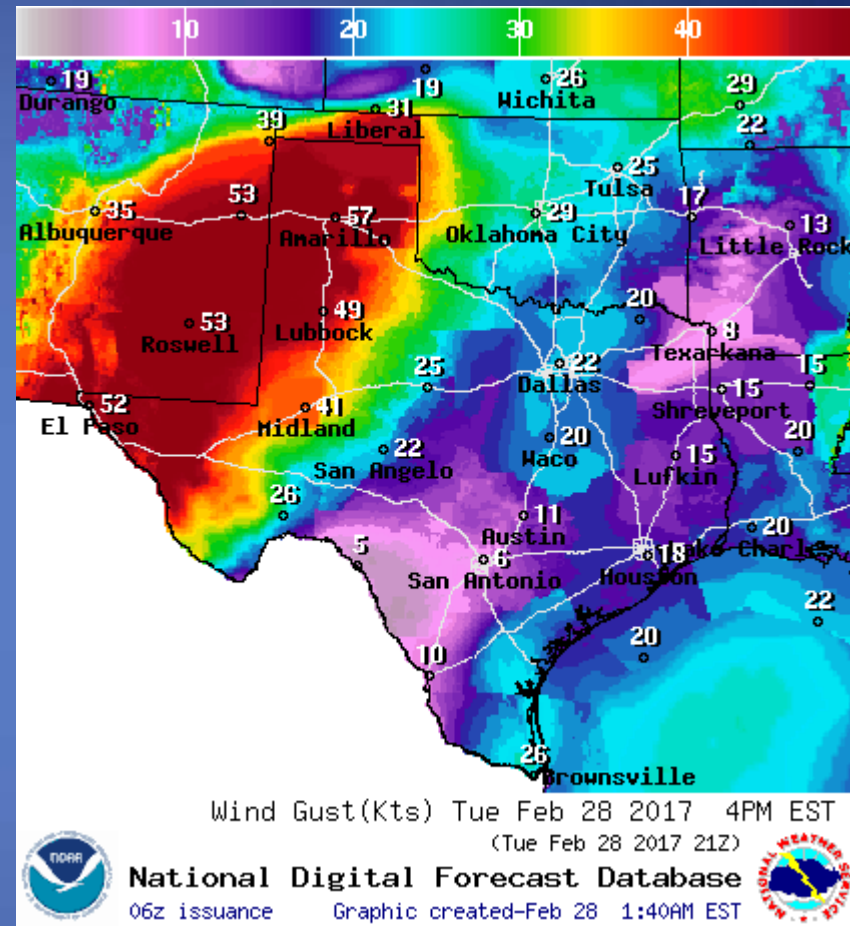


Lows

Weather Forecast



Wind Speeds



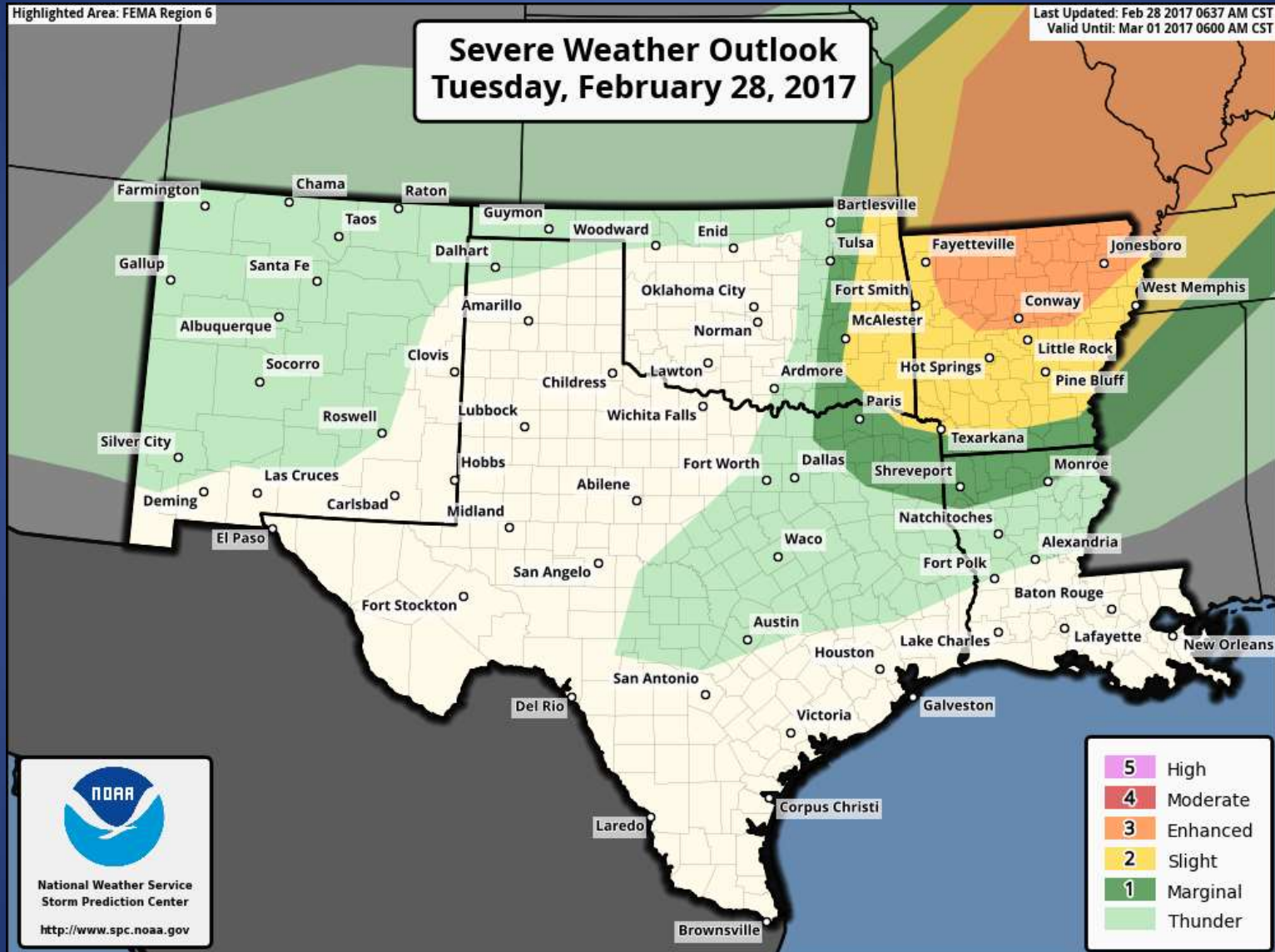
Gusts

Hazardous Weather

Highlighted Area: FEMA Region 6

Severe Weather Outlook Tuesday, February 28, 2017

Last Updated: Feb 28 2017 0637 AM CST
Valid Until: Mar 01 2017 0600 AM CST



Hazardous Weather

Critical to Extremely Critical Fire Weather and Strong Winds Expected Today

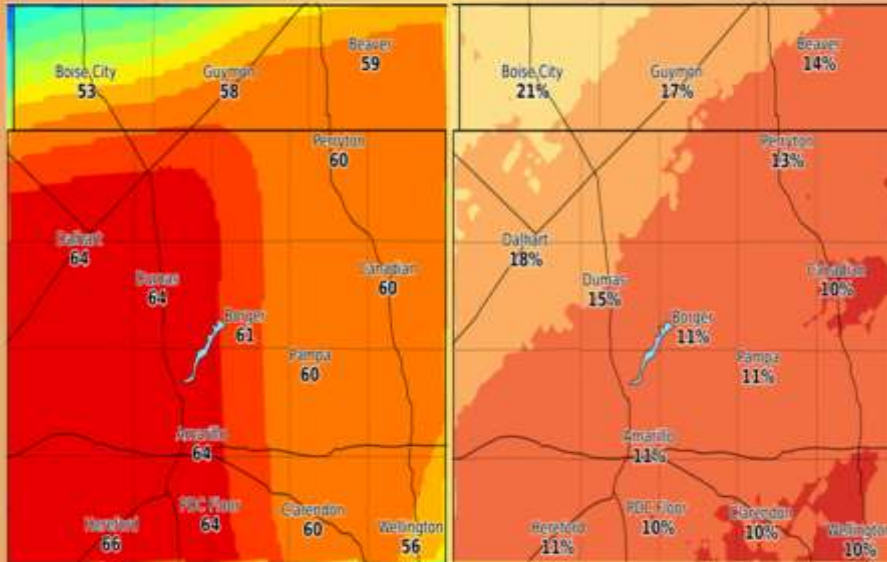
Current Forecast for Relative Humidity and Wind Gusts This Afternoon

Wind Gusts

Valid: Tuesday, February 28, 2017 at 03 PM CST

Lowest Relative Humidities

Valid: February 28, 2017



Red Flag Warning and High Wind Warning In Effect Today



National Weather Service - Amarillo

Issued: 2/28/2017 6:06 AM



Very strong winds and a dry airmass will combine to create critical to extremely critical fire weather conditions today. In addition, wind gusts over 60 mph could cause power pole damage and potentially be an ignition point for fires. Winds will be strongest this afternoon. The Red Flag Warning is in effect from 11 AM to 7 PM today. The High Wind Warning is in effect from 10 AM to 7 PM today. Please do your part to prevent wildfires!



Today: Strong winds and Extreme Fire Danger

National Weather Service - Lubbock, Texas



Red Flag Warning

High Wind Warning

Extremely Critical Fire Danger
Lubbock

Very warm temperatures; 70s on the Caprock, upper 70s to low 80s over the Rolling Plains

Today from 11 am to 7 pm
Relative humidity values will fall to near 10 percent in the afternoon.
Outdoor burning is *highly* discouraged.

DUST
Windy
Dry
Windy
DUST

Not as bad in the Rolling Plains but still windy

Today from 11 am to 7 pm
Southwest winds will become sustained around 35 to 45 mph, with gusts to near 60 mph. Blowing dust will reduce visibility at times, especially near open fields. Wind will be 5-10 mph lower in the Rolling Plains where a wind advisory is in effect.

Strong winds and an extreme fire danger will impact the region this afternoon. A High Wind Warning is in effect for the South Plains and Texas Panhandle from late morning through early this evening. Additionally, a Red Flag Warning is in effect for the entire region.



NWSLubbock

Hazardous Weather

Red Flag Warning

Tuesday 10 AM to 8 PM

Weather Forecast Office
El Paso, TX




Issued February 27, 2017 9:52pm MST

Tuesday

**CRITICAL
FIRE
WEATHER
CONDITIONS**

Red Flag Warning
Tuesday 10am to 8pm

🔥 Outdoor burning should not be done.

 Be careful if you have to operate gas or electrical powered machinery outside.

🔥 Dry fuels
already in place

🔥 Minimum RH
expected
10-15%



20-foot level winds from west southwest
25 to 40 mph with gusts to 60 mph or more



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The very strong winds on Tuesday will combine with very dry conditions (Relative Humidities of 10% to 15%) to create high fire danger. There should be no open burning on Tuesday and watch for things that can cause sparks outside such as grinding metals or a backfire of a car.

Red Flag Warning

11AM CST to 700 PM CST Today

Weather Forecast Office
Midland/Odessa, TX

Issued February 28, 2017 3:24 AM CT

Relative Humidity:
5 to 15%

Winds: Southwest at 30-60 mph with higher gusts in the mountains. 25-40 mph with higher gusts in the lower elevations.

Temperatures:
10 to 15 degrees above normal

Precautionary Actions
Avoid activities that may produce outdoor flames and sparks.

Any fires that develop will likely spread rapidly. Outdoor burning is not recommended.



weather.gov/maf

Dry, warm and very windy conditions will result in widespread critical fire weather conditions today. Outdoor burning is not recommended. Avoid activities that may produce outdoor flames and sparks.

Hazardous Weather

Critical Fire Weather Conditions Today

Southwest winds of 20 to 25 mph, with gusts near 35 mph, and relative humidity values of 10-15% will result in **CRITICAL FIRE WEATHER CONDITIONS** this afternoon.

If a fire starts:



Fires will spread quickly with gusty winds.



Avoid open flames and sparks, and keep vehicles off grassy areas.

Remember...most fires are started by people.



National Weather Service San Angelo, TX Updated: Feb 28 8:41 AM

Critical fire weather conditions for western areas this afternoon. Very low relative humidity values, gusty winds, high fire danger, and hot temperatures will combine to create Critical Fire Weather conditions across parts of the area today. Near critical fire weather conditions will affect the rest of the area.



Isolated Severe Storms Mainly Northeast Today

National Weather Service Fort Worth - Forecast Surface Pattern This Afternoon



A strong capping inversion is expected to be in place across North Texas for much of the day. This will likely keep storms from developing in most areas. By late afternoon, the cap could weaken sufficiently for isolated severe storms to develop mainly across the east and northeast areas from the Metroplex northeast to Paris. If any storms develop, they could be severe with large hail being the main threat.

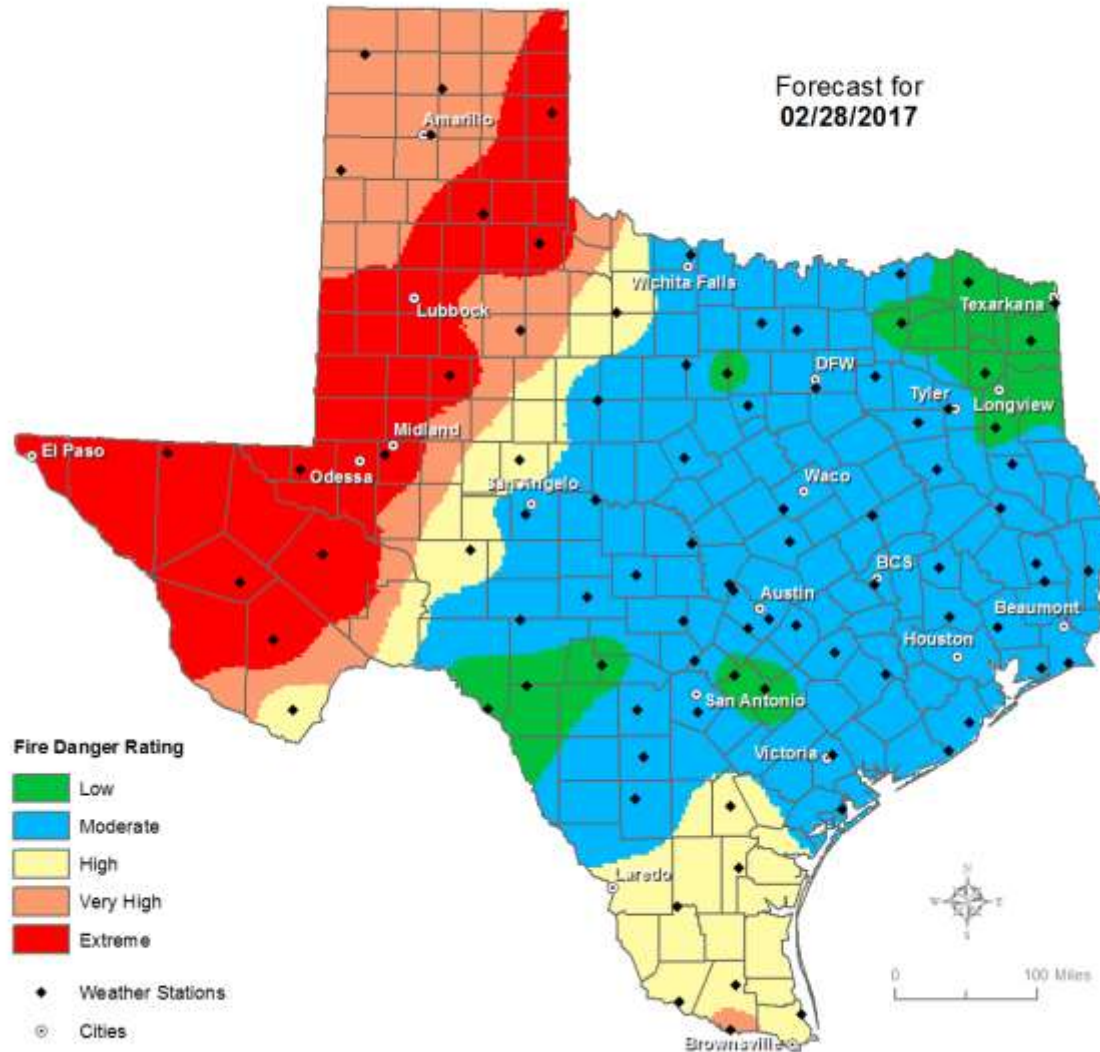
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
02/27/17	Severe Thunderstorm Warning	Camp, Collin, Denton, Ellis, Franklin, Hopkins, Hunt, Johnson, Kaufman, Smith, Upshur, Van Zandt, Wood Counties
02/27/17	High Wind Warning Remains in Effect	Van Horn and the Highway 54 Corridor
02/27/17	Red Flag Warning	Andrews, Baylor, Borden, Crane, Dawson, Ector, Foard, Gaines, Hardeman, Knox, Loving, Martin, Midland, Pecos, Reeves, Ward, Wilbarger, Winkler Counties
02/27/17	Red Flag Warning Remains in Effect	Cochran, Crosby, Dallam, Deaf Smith, Hartley, Hockley, Lubbock, Lynn, Moore, Oldham, Potter, Randall, Sherman, Terry, Yoakum Counties
02/27/17	High Wind Warning	Brewster, Culberson, Jeff Davis, Presidio, Reeves Counties

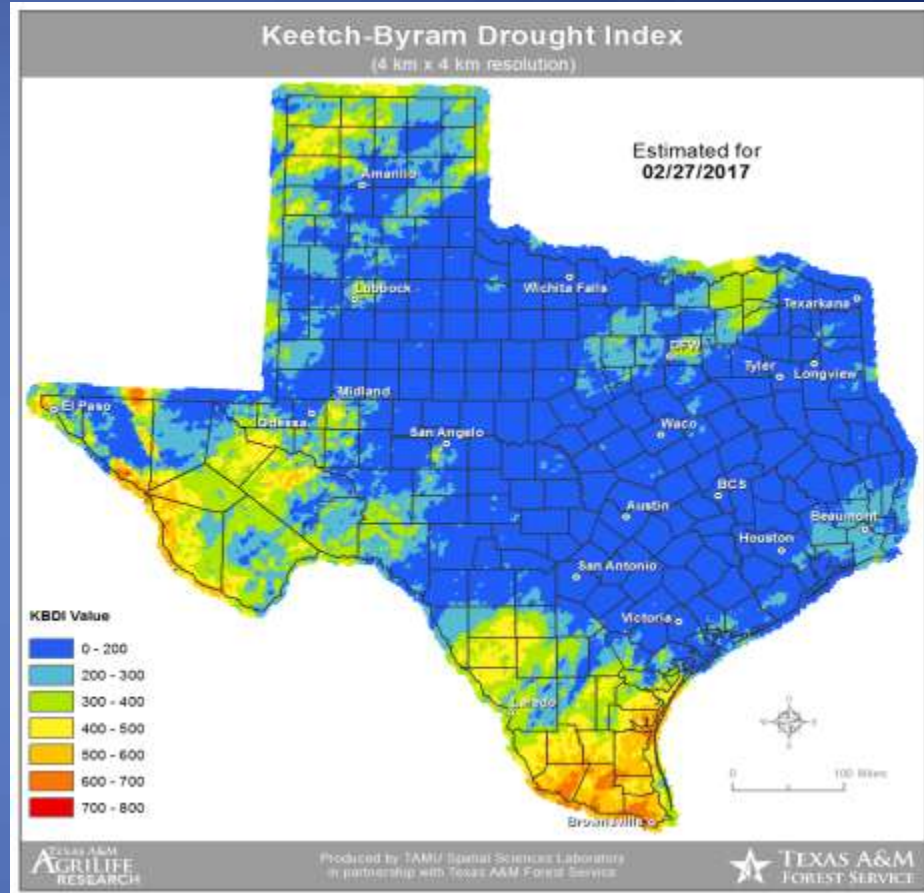
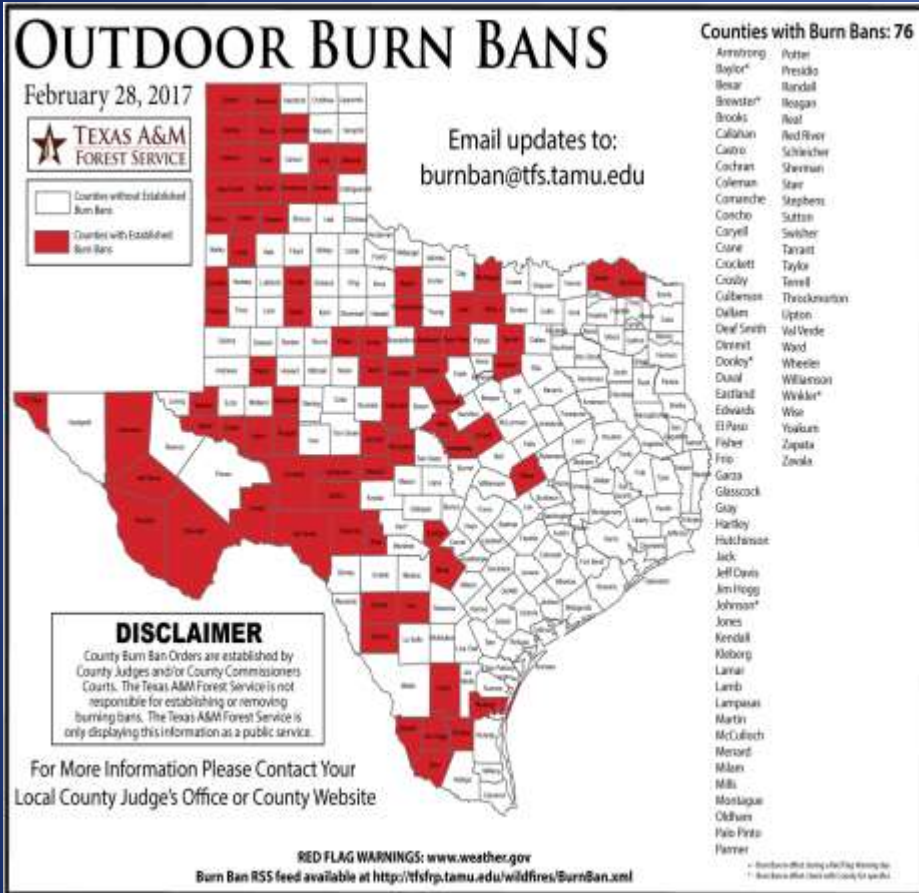
Fire Danger Forecast

Forecast Fire Danger

Forecast for
02/28/2017



Burn Bans and KBDI INDEX

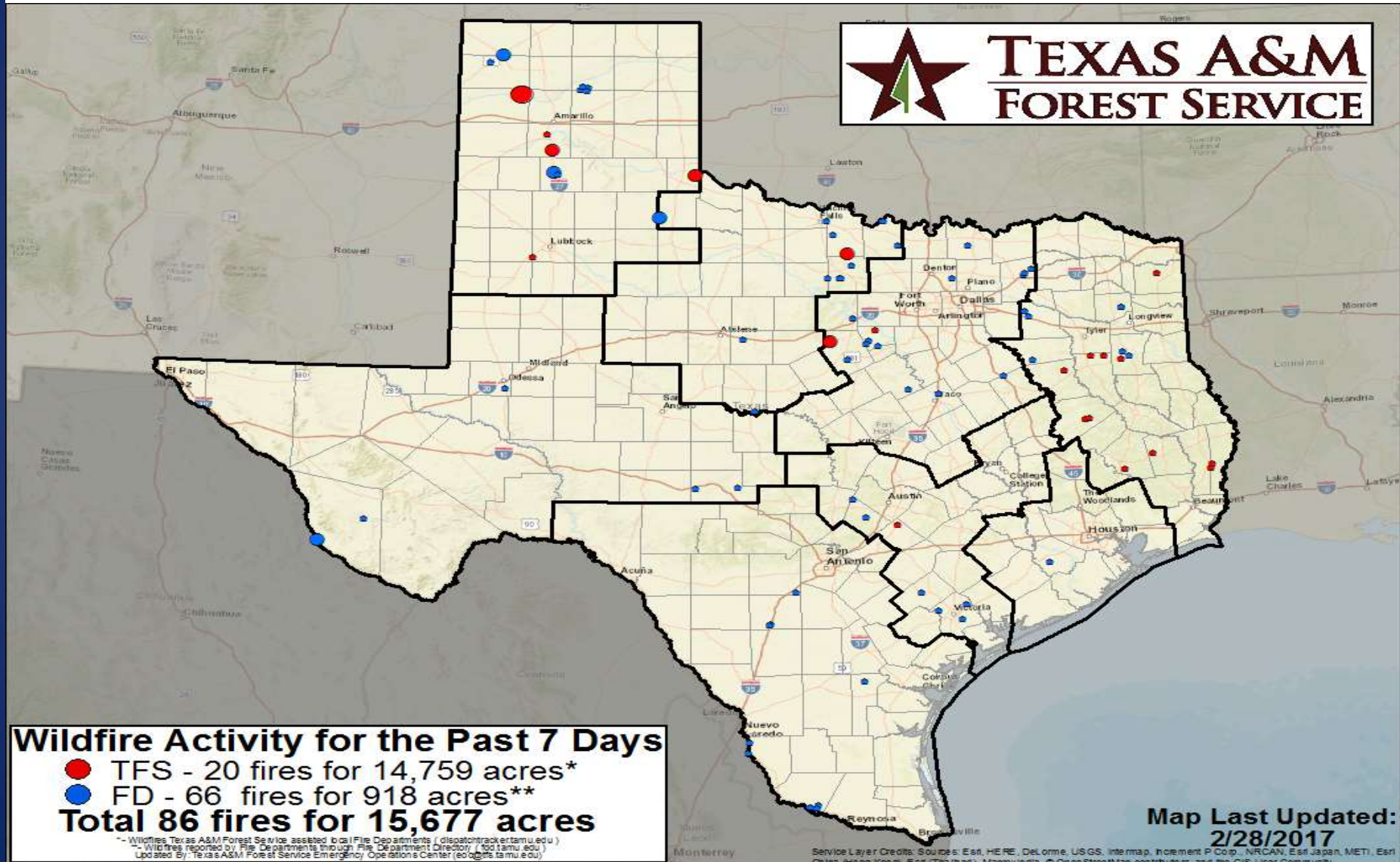


Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
02/27/17	Red Flag Warning	Cochran, Hockley, Lubbock, Crosby, Yoakum, Terry, Lynn, Kent, Hudspeth and El Paso Counties
02/27/17	Red Flag Warning Remains in Effect	Cochran, Hockley, Lubbock, Crosby, Yoakum, Terry and Lynn Counties
02/28/17	Red Flag Warning	Coke, Crockett, Fisher, Haskell, Irion, Jones, Nolan, Sterling and Tom Green Counties; Guadalupe Mountains, Southeast Plains, Highway 54 Corridor, Upper Trans Pecos, Apache Mountains and Big Bend Area
02/28/17	High Wind Warning	Bailey, Briscoe, Castro, Cochran, Crosby, Floyd, Garza, Hale, Hall, Hockley, Lamb, Lynn, Lubbock, Motley, Parmer, Swisher, Terry and Yoakum Counties

Fire Activity (*Last 24 Hours)

Reports 283 (+5) fires and 21,002 (+45) acres destroyed this year. There are 76 (+1) counties with burn bans. The Keetch-Byram Drought Index list 12 (no change) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
02/27/17	03/02/17	Intermediate Incident Command System for Expanding Incidents	G-300	Alvin
02/27/17	03/10/17	HazMat Technician – Texas Commission on Fire Protection (TCFP) Certification	H-500	San Antonio

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
02/28/17	02/28/17	Alamo Area Council of Governments/ New Braunsfel	Comal County 2017 Joint Exercise
02/28/17	02/28/17	Heart of Texas Council of Governments/ Waco	A Bad Day with Water

Statewide Significant Events

DATE(S)		LOCATION	EVENT
02/17/17	02/28/17	Galveston	Annual Mardi Gras
02/27/17	03/19/17	Fort Worth	Professional Bull Riders